For Services and Support

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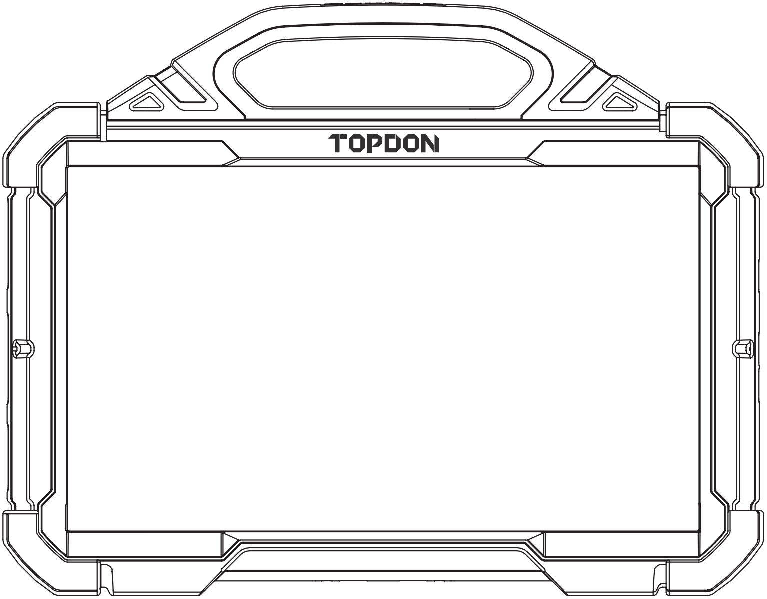
f	**FACEBOOK**	**@TOPDONOFFICIAL**
🐦	**TWITTER**	**@TOPDONOFFICIAL**



Phoenix Max

Smart Automotive Diagnostic System

USER MANUAL

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Welcome

Thank you for purchasing TOPDON automotive diagnostic tool Phoenix Max. Please read and understand this user manual prior to the operation.

About

TOPDON Phoenix Max features comprehensive diagnostic capabilities. The accuracy of test readings, expanded vehicle coverage, improved speed and an abundance of user-friendly features make this diagnostic tablet stand out in its class and give mechanics and professionals a great deal of help in their diagnostic work.

What is in the Box

- Phoenix Max
- MDCI Pro
- Charging Stand
- MDCI Pro Male to Male Diagnostic Cable
- MDCI Pro Type A to B Cable
- Connector *10
- Clipper Cable (LCDSS)
- OBD I Adaptor
- Adaptor
- AC Cable(EU/US/UK) *3
- Mini-HDMI to HDMI
- Type A USB to Type C
- Ethernet Cable
- Password Letter
- Cigarette Lighter Cable

Compatibility

TOPDON Phoenix Max is compatible with the following protocols:

- ISO 9142-2
- ISO 14230-2
- ISO 15765-4
- K/L-Line
- SAE-J1850 VPW
- SAE-J1850 PWM
- CAN ISO 11898
- Highspeed
- Middlespeed
- CAN FD Protocol
- Lowspeed and Singlewire CAN
- GM UART
- UART Echo Byte Protocol
- Honda Diag-H Protocol
- TP 2.0
- TP 1.6
- SAE J1939
- SAE J1708
- Fault-Tolerant CAN
- J2534 Protocol
- DoIP Protocol

Notice

Phoenix Max may automatically reset while being disturbed by strong static electricity. THIS IS A NORMAL REACTION.

This user manual is subject to change without written notice.

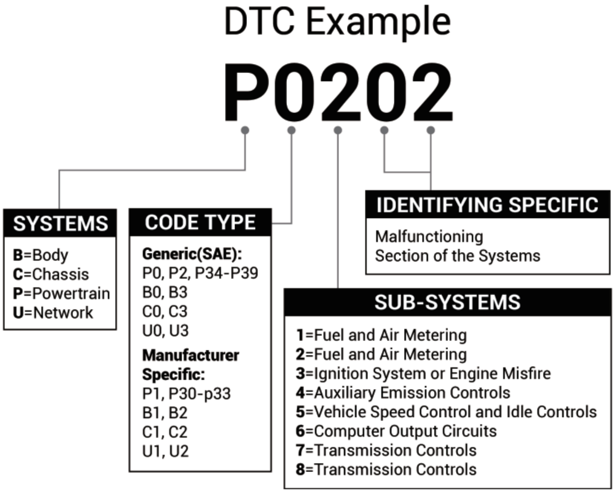
Read the instruction carefully and use the unit properly before operating. Failure to do so may cause damage and/or personal injury, which will void the product warranty.

General Information of OBDII (On-Board Diagnostics II)

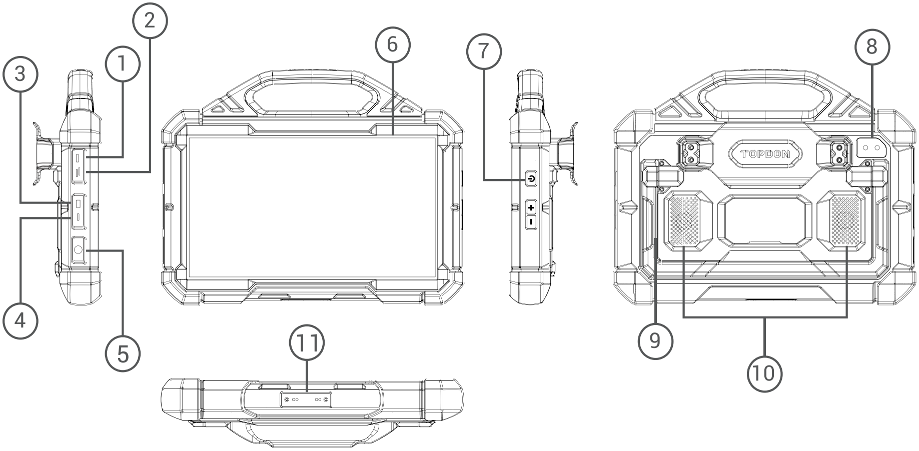
The OBDII system is designed to monitor emission control systems and key engine components by performing either continuous or periodic tests of specific components and vehicle conditions, which will offer three pieces of such valuable information:

- Whether the Malfunction Indicator Light (MIL) is commanded “on” or “off”;
- Which, if any, Diagnostic Trouble Codes (DTCs) are stored;
- Readiness Monitor status.

Diagnostic Trouble Codes (DTCs)

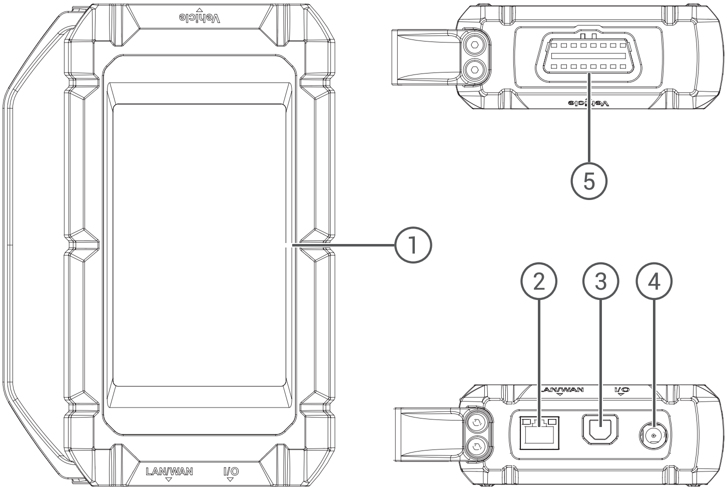

DTC Example
P0202
SYSTEMS
B=Body
C=Chassis
P=Powertrain
U=Network
CODE TYPE
Generic(SAE):
P0, P2, P34-P39
B0, B3
C0, C3
U0, U3
Manufacturer Specific:
P1, P30-p33
B1, B2
C1, C2
U1, U2
IDENTIFYING SPECIFIC
Malfunctioning Section of the Systems
SUB-SYSTEMS
1=Fuel and Air Metering
2=Fuel and Air Metering
3=Ignition System or Engine Misfire
4=Auxiliary Emission Controls
5=Vehicle Speed Control and Idle Controls
6=Computer Output Circuits
7=Transmission Controls
8=Transmission Controls

Product Descriptions



NO.	Name	Descriptions
1	HDM Port	For screen projection.
2	SD Card	Extended storage (Max 256G).
3	USB Port	Can be used to charge 5V electronic devices.
4	Type C Port	Applied for transmit data.
5	DC Port	For charging the tablet.
6	13.3″ Touchable Screen	Show test results.
7	Power Button	• Hold the button for 3 seconds to turn the tablet on, or off. • Hold the button for 10 seconds for a forced restart.
8	Rear Camera	Snapshot the view ahead of the camera.
9	Adjustable Stand	Able to keep the device standing on the desk, or hang the device on the steering wheel.
10	Loudspeaker	Convert an audio signal into a corresponding sound.
11	Charging Points	conntect to Phoenix Max Charging Stand for charging the device.

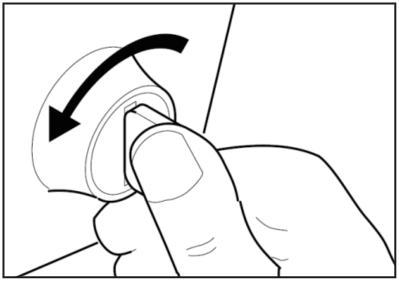
MDCI Pro



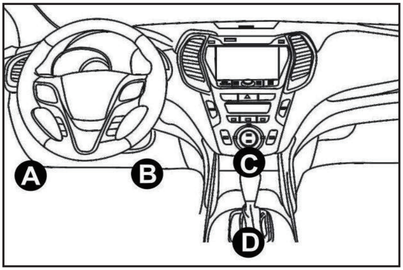
NO.	Name	Descriptions
1	Display	3.99 inch, display working status
2	Ethernet port	Connect to the Internet for remote diagnosis (reserved function)
3	I/O data Port	Type B USB port is designed for building stable communication when performing ECU Programming or IMMO Key Programming
4	Power port	12V DC input, Separate power supply for J2534 and Bluetooth communication
5	Diagnostic port	16-pin OBDII port, connect to the OBD II extension cable

Preparation & Connection

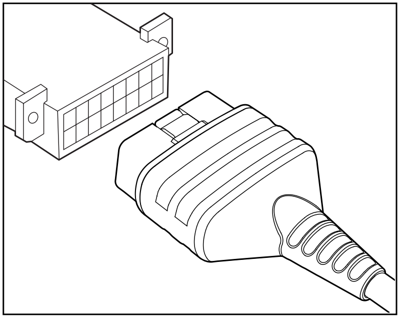
1. Turn the ignition off.



2. Locate the vehicle's DLC port.



3. Plug the TOPDON Phoenix MDCI dongle into the vehicle's DLC port.



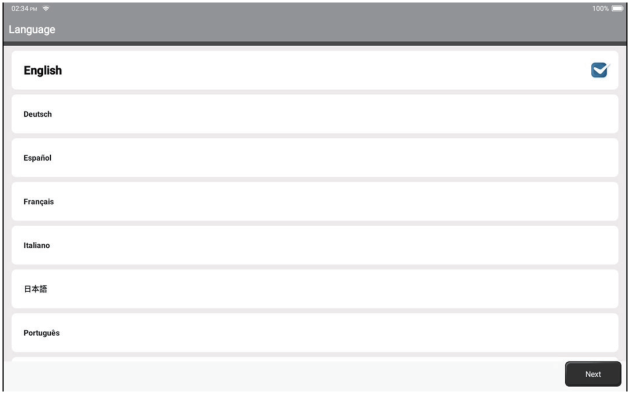
4. Turn the ignition on.

5. Fully charge the Phoenix Max, and hold the power button for 3 seconds to turn the tablet on. The tablet will start initializing and enter the following interface:

Note: Don't connect or disconnect any test equipment with the ignition on or engine running.

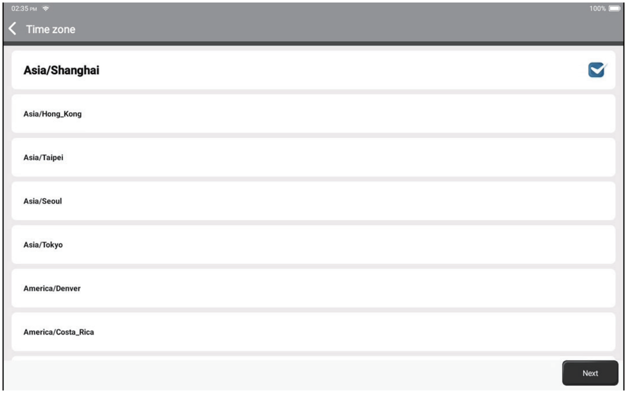
6. Language Setting

Select operating language in the following interface:


02:34 PM
100%
Language
English ☑
Deutsch
Español
Français
Italiano
日本語
Português
Next

7. Choose Time Zone

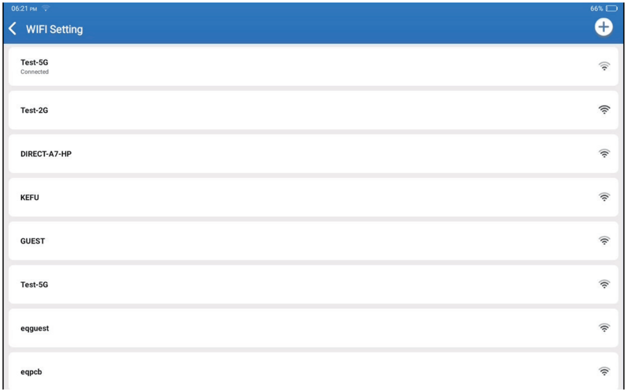
Choose the time zone of your current location. The system will automatically configure the time .


02:35 PM
100%
Time zone
Next

- Asia/Shanghai ☑
- Asia/Hong_Kong
- Asia/Taipei
- Asia/Seoul
- Asia/Tokyo
- America/Denver
- America/Costa_Rica

8. Connect Wi-Fi

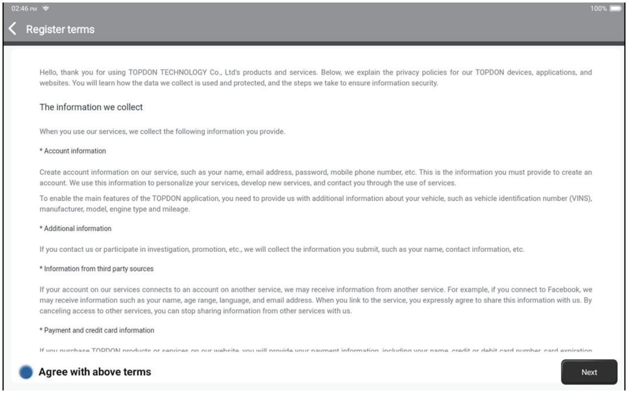
The system will automatically search all available Wi-Fi networks. Please connect to the Wi-Fi you trust.


06:21 PM
66%
WIFI Setting

- Test-5G
  Connected
- Test-2G
- DIRECT-A7-HP
- KEFU
- GUEST
- Test-5G
- eqguest
- eqpcb

9. User Agreement

Please read all the terms and conditions of the user agreement carefully. Select “Agree with above terms”.



Hello, thank you for using TOPDON TECHNOLOGY Co., Ltd's products and services. Below, we explain the privacy policies for our TOPDON devices, applications, and websites. You will learn how the data we collect is used and protected, and the steps we take to ensure information security.

The information we collect

When you use our services, we collect the following information you provide.

* Account information

Create account information on our service, such as your name, email address, password, mobile phone number, etc. This is the information you must provide to create an account. We use this information to personalize your services, develop new services, and contact you through the use of services.

To enable the main features of the TOPDON application, you need to provide us with additional information about your vehicle, such as vehicle identification number (VINS), manufacturer, model, engine type and mileage.

* Additional information

If you contact us or participate in investigation, promotion, etc., we will collect the information you submit, such as your name, contact information, etc.

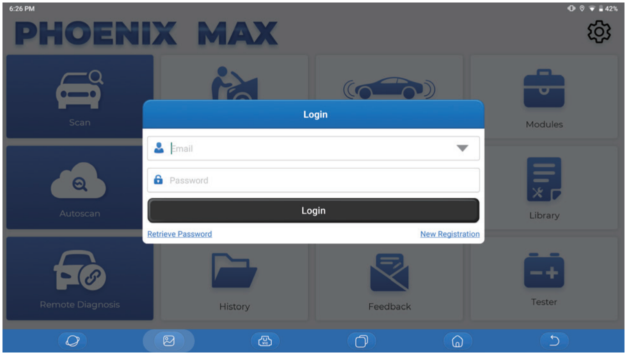
* Information from third party sources

If your account on our services connects to an account on another service, we may receive information from another service. For example, if you connect to Facebook, we may receive information such as your name, age range, language, and email address. When you link to the service, you expressly agree to share this information with us. By canceling access to other services, you can stop sharing information from other services with us.

* Payment and credit card information

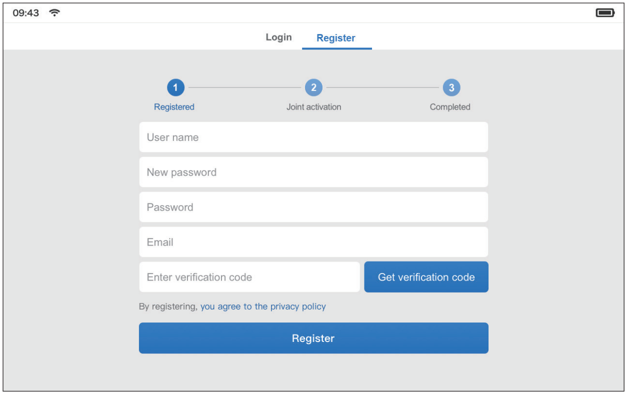
If you purchase TOPDON products or services on our website, you will provide your payment information, including your name, credit or debit card number, card expiration

Tap “Next” to log in. The following page will appear:



10. Create an Account

You can log in with an available TOPDON account, or register a new account with a valid e-mail address.

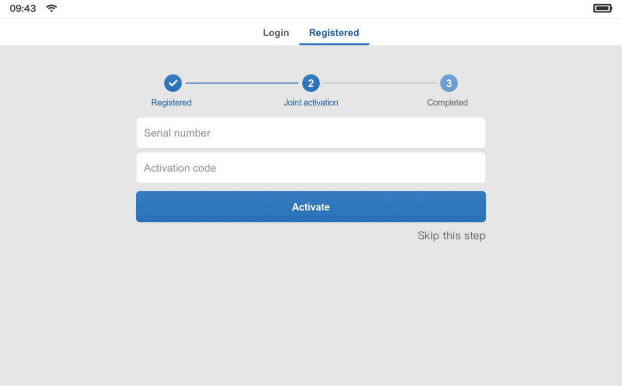

09:43
Login
Register
1
2
3
Registered
Joint activation
Completed
User name
New password
Password
Email
Enter verification code
Get verification code
Register

By registering, you agree to the privacy policy

After inputting the information required, tap “Register”. The tablet will enter the Phoenix MDCI Activation procedure.

11. Phoenix MDCI Pro Activation

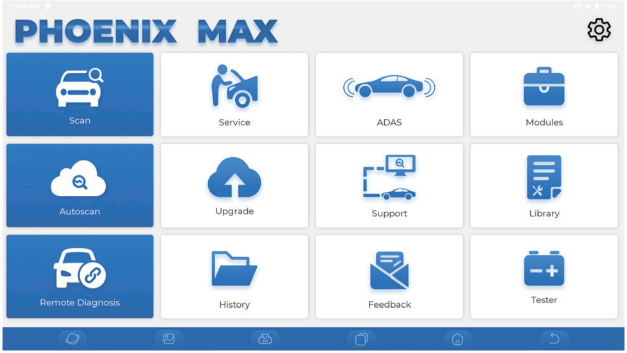
Input the serial number and activation code to activate and bind the diagnostic Phoenix MDCI Pro dongle. Both the serial number and the activation code are available in the “password letter”.
The activation procedure is necessary for using the Phoenix Max properly.


09:43
Login
Registered
✓
2
3
Registered
Joint activation
Completed
Serial number
Activation code
Activate
Skip this step

Tap “Activate” to finish the procedure, and get started to use Phoenix Max.

Operation Introduction

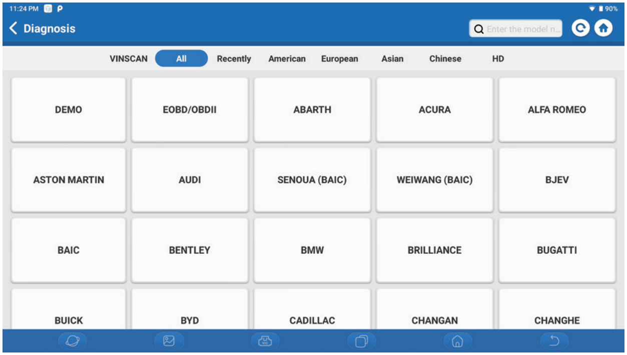
TOPDON Phoenix Max features an array of practical functions, including Scan, AutoScan, Remote Diagnosis, Service, ADAS, Modules, Upgrade, Support, Library, History, Feedback,Tester.


PHOENIX MAX
Scan
Service
ADAS
Modules
Autoscan
Upgrade
Support
Library
Remote Diagnosis
History
Feedback
Tester

TOPDON Phoenix Max supports AutoScan and Scan for most modern vehicle models worldwide, covering OBDII diagnostics and full system diagnostics.

1. Scan(Diagnosis)

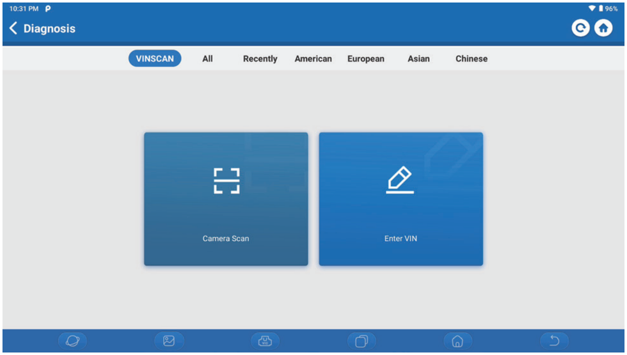
If Phoenix Max fails to get access to the vehicle VIN data automatically, tap "Scan" on the Home Menu. The following page will appear:


11:24 PM
90%
Diagnosis
Enter the model n...
VINSCAN
All
Recently
American
European
Asian
Chinese
HD
DEMO
EOBD/OBDII
ABARTH
ACURA
ALFA ROMEO
ASTON MARTIN
AUDI
SENOUA (BAIC)
WEIWANG (BAIC)
BJEV
BAIC
BENTLEY
BMW
BRILLIANCE
BUGATTI
BUICK
BYD
CADILLAC
CHANGAN
CHANGHE

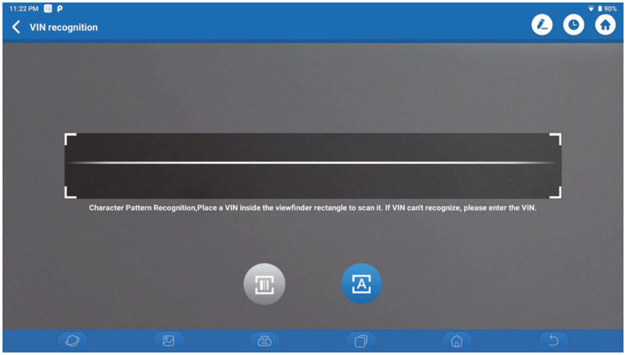
There are two ways in this module to get access to vehicle diagnostic functions.

1.1 The first way is using “VINSCAN”.

Tap “VINSCAN”. The following page will appear:


10:31 PM
96%
Diagnosis
VINSCAN
All
Recently
American
European
Asian
Chinese
Camera Scan
Enter VIN

1.1.1 Tap “Camera Scan”. The following page will appear:

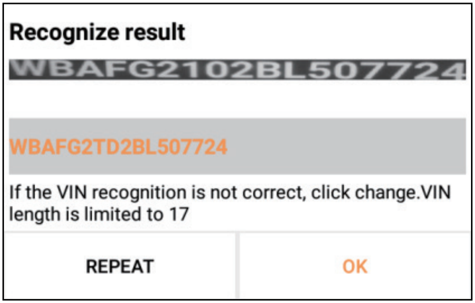

11:22 PM
90%
VIN recognition

Character Pattern Recognition,Place a VIN inside the viewfinder rectangle to scan it. If VIN can't recognize, please enter the VIN.

Tap to scan the VIN barcode. If the VIN barcode cannot be recognized, please manually input the VIN.

Tap to scan the VIN character. If the VIN character cannot be recognized, please manually input the VIN.

After scanning, the following page will appear:



Recognize result

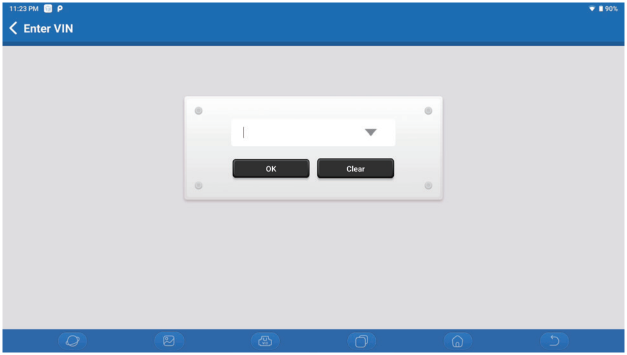
WBAFG2102BL507724

WBAFG2TD2BL507724

If the VIN recognition is not correct, click change.VIN length is limited to 17

Note: the VIN code in yellow can be modified if it isn't correct.

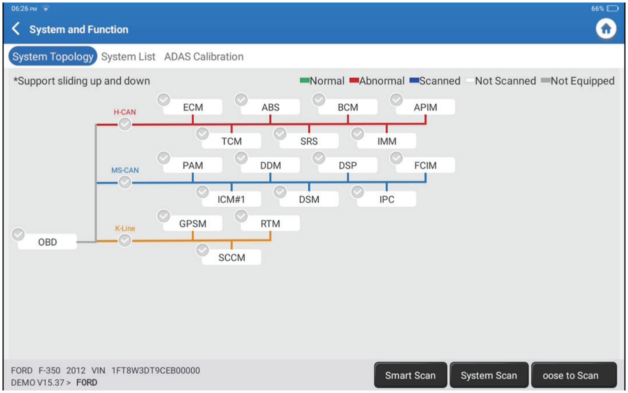
1.1.2 Or, tap "Enter VIN", the following page will appear:



You need to input the vehicle's VIN manually.

Note: VIN characters need to be capital letters A through Z and numbers 1 through 0. However, the letters I, O, and Q won't be used in order to avoid misreading. No symbols or spaces are allowed in the VIN.

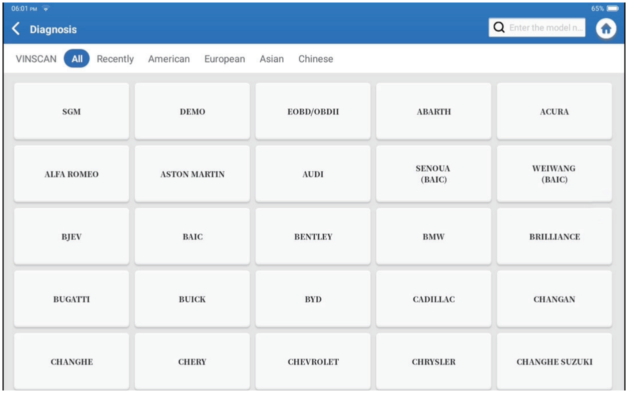
After reading the VIN information successfully, the following page will appear:


06:26 PM
66%
System and Function
System Topology
System List
ADAS Calibration
*Support sliding up and down
🟩Normal 🟥Abnormal 🟦Scanned ⬜Not Scanned ▨Not Equipped
H-CAN
ECM
ABS
BCM
APIM
TCM
SRS
IMM
MS-CAN
PAM
DDM
DSP
FCIM
ICM#1
DSM
IPC
K-Line
GPSM
RTM
OBD
SCCM
Smart Scan
System Scan
oose to Scan

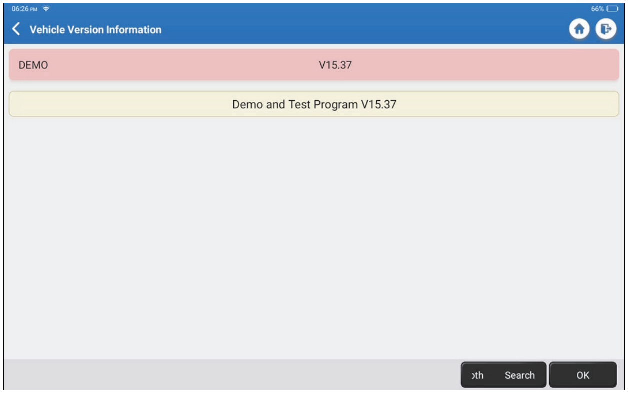
FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > FORD

1.2 The second way is to manually select the vehicle's make, model, and year.

Tap a corresponding diagnostic software logo on the following page:


06:01 PM
65%
Diagnosis
Enter the model n...
VINSCAN
All
Recently
American
European
Asian
Chinese
SGM
DEMO
EOBD/OBDII
ABARTH
ACURA
ALFA ROMEO
ASTON MARTIN
AUDI
SENOUA (BAIC)
WEIWANG (BAIC)
BJEV
BAIC
BENTLEY
BMW
BRILLIANCE
BUGATTI
BUICK
BYD
CADILLAC
CHANGAN
CHANGHE
CHERY
CHEVROLET
CHRYSLER
CHANGHE SUZUKI

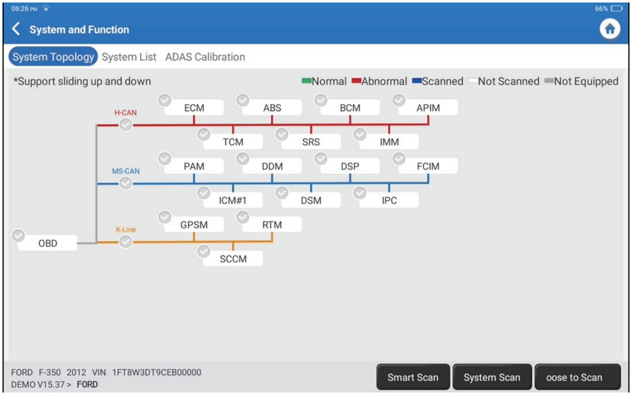
Take “Demo” as an example. The following page will appear:


06:26 PM
66%
Vehicle Version Information
ɔth
Search
OK

DEMO V15.37

Demo and Test Program V15.37

Select the diagnostic software version to continue.
The tablet will automatically navigate to the system and function selection menu:


06:26 PM
66%
System and Function
System Topology
System List
ADAS Calibration
🟩Normal
🟥Abnormal
🟦Scanned
Not Scanned
Not Equipped
H-CAN
ECM
ABS
BCM
APIM
TCM
SRS
IMM
MS-CAN
PAM
DDM
DSP
FCIM
ICM#1
DSM
IPC
K-Line
GPSM
RTM
SCCM
OBD
Smart Scan
System Scan
oose to Scan

*Support sliding up and down

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > FORD

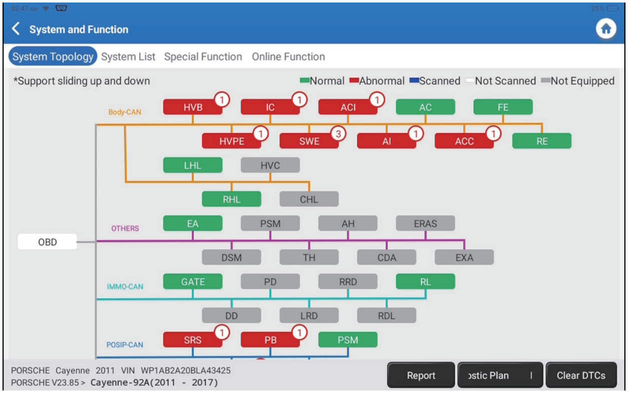
The interface has two display modes of system topology and system list, with the same functions. Switch according to personal preference.

1.2.1 Smart Scan

This function is used to quickly detect vehicles and view vehicle health reports (this item will only be displayed if the model diagnosis software supports this function).

Click "Smart Scan", the system starts to scan fault codes in each system and displays specific scan results.

The systems with DTC(s) will be shown in red, with the specific definition(s).

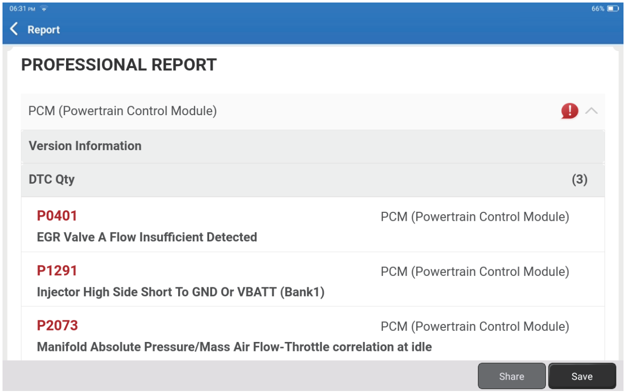

System and Function
System Topology
System List
Special Function
Online Function
🟩Normal 🟥Abnormal 🟦Scanned ⬜Not Scanned ⬜Not Equipped
Body-CAN
HVB 1
IC 1
ACI 1
AC
FE
HVPE 1
SWE 3
AI 1
ACC 1
RE
LHL
HVC
RHL
CHL
OTHERS
EA
PSM
AH
ERAS
OBD
DSM
TH
CDA
EXA
IMMO-CAN
GATE
PD
RRD
RL
DD
LRD
RDL
POSIP-CAN
SRS 1
PB 1
PSM
Report
ɔstic Plan
Clear DTCs

*Support sliding up and down

PORSCHE Cayenne 2011 VIN WP1AB2A20BLA43425
PORSCHE V23.85 > Cayenne-92A(2011 - 2017)

*Explanation of terms:

- Clear DTCs: Clear all Diagnostic Trouble Codes with one simple touch.
- Report: Save the current diagnosis result as a diagnosis report.


Report
Share
Save

PROFESSIONAL REPORT

PCM (Powertrain Control Module)

Version Information

DTC Qty (3)

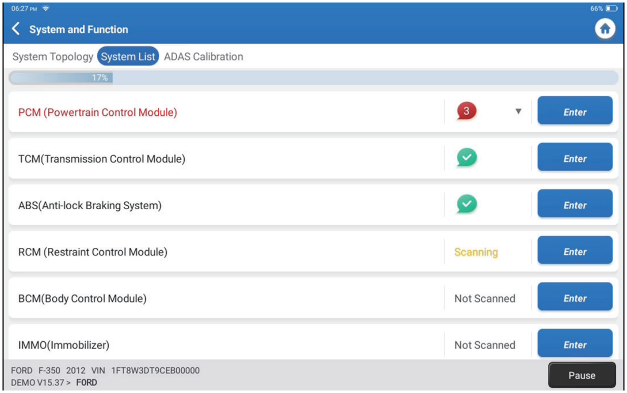
P0401 PCM (Powertrain Control Module)
EGR Valve A Flow Insufficient Detected

P1291 PCM (Powertrain Control Module)
Injector High Side Short To GND Or VBATT (Bank1)

P2073 PCM (Powertrain Control Module)
Manifold Absolute Pressure/Mass Air Flow-Throttle correlation at idle

1.2.2 System Scan

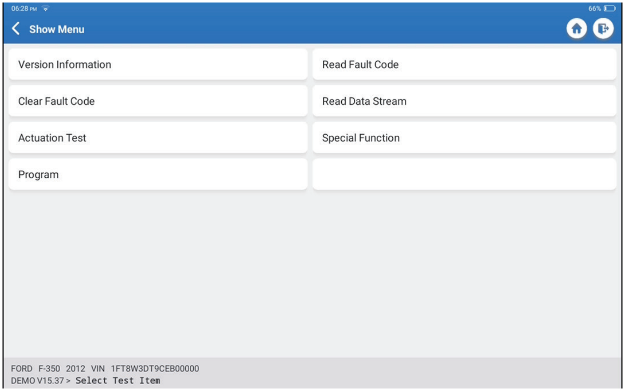
This function will automatically scan all systems of the vehicle.


06:27 PM
66%
System and Function
System Topology
System List
ADAS Calibration
17%
PCM (Powertrain Control Module)
3
Enter
TCM(Transmission Control Module)
Enter
ABS(Anti-lock Braking System)
Enter
RCM (Restraint Control Module)
Scanning
Enter
BCM(Body Control Module)
Not Scanned
Enter
IMMO(Immobilizer)
Not Scanned
Enter
Pause

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > FORD

1.3 Choose to Scan

Scan the manually selected vehicle electric control system. Tap “PCM” →“Enter” as an example to demonstrate. The following page shows the selection interface.


06:28 PM
66%
Show Menu
Version Information
Read Fault Code
Clear Fault Code
Read Data Stream
Actuation Test
Special Function
Program

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > `Select Test Item`

Note: This function will be available only when the diagnostic software supports it.

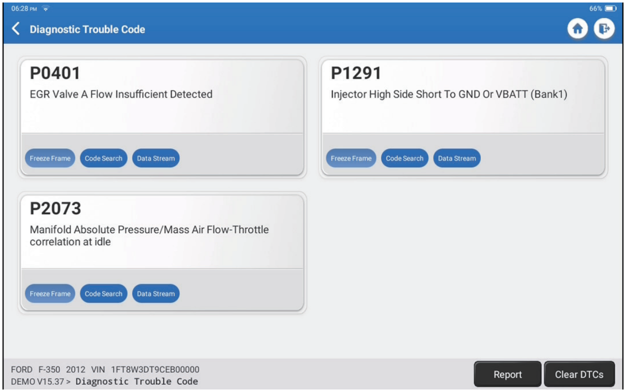
1.3.1 Version Information

This function reads the current version information of ECU.

1.3.2 Diagnostic Trouble Code

This function can read the Diagnostic Trouble Codes (DTCs) in the ECU memory, helping quickly identify the cause of the vehicle breakdown.

Tap "Read Fault Code". The screen will display diagnostic results.


06:28 PM
66%
Diagnostic Trouble Code

P0401

EGR Valve A Flow Insufficient Detected

Freeze Frame
Code Search
Data Stream

P1291

Injector High Side Short To GND Or VBATT (Bank1)

Freeze Frame
Code Search
Data Stream

P2073

Manifold Absolute Pressure/Mass Air Flow-Throttle correlation at idle

Freeze Frame
Code Search
Data Stream

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > Diagnostic Trouble Code

Report
Clear DTCs

*Explanation of terms:

- Freeze Frame: Take a snapshot of specific data streams for verification when the DTC occurs.
- Code Search: Query DTC information through Google Chrome.
- Data Stream: Return to the data stream page.
- Report: Save the current diagnosis result as a diagnosis report.

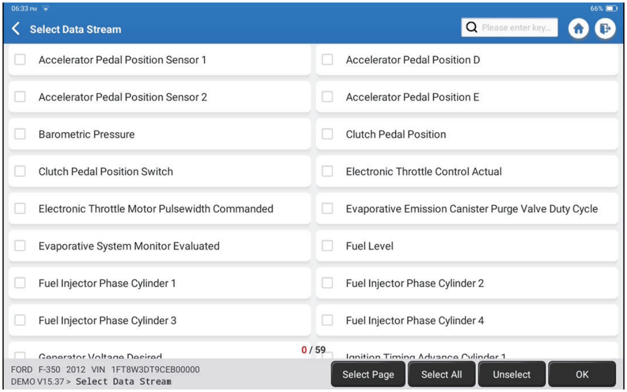
1.3.3 Clear Fault Code

This function can clear the DTC of the ECU memory of the tested system.

1.3.4 Read Data Stream

This function can read and display real-time data and parameters.

Tap "Read Data Stream". The following page will appear:


06:33 PM
66%
Select Data Stream
Please enter key...

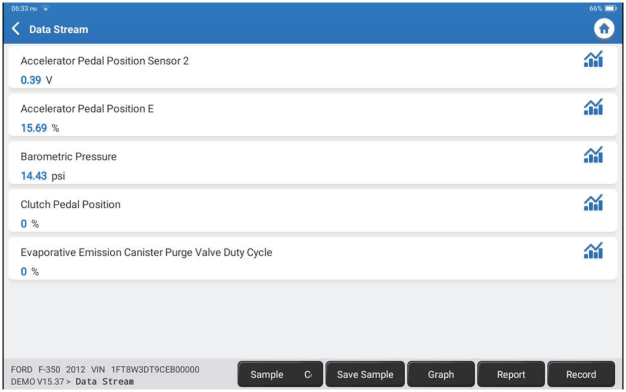
☐ Accelerator Pedal Position Sensor 1
☐ Accelerator Pedal Position D
☐ Accelerator Pedal Position Sensor 2
☐ Accelerator Pedal Position E
☐ Barometric Pressure
☐ Clutch Pedal Position
☐ Clutch Pedal Position Switch
☐ Electronic Throttle Control Actual
☐ Electronic Throttle Motor Pulsewidth Commanded
☐ Evaporative Emission Canister Purge Valve Duty Cycle
☐ Evaporative System Monitor Evaluated
☐ Fuel Level
☐ Fuel Injector Phase Cylinder 1
☐ Fuel Injector Phase Cylinder 2
☐ Fuel Injector Phase Cylinder 3
☐ Fuel Injector Phase Cylinder 4
☐ Generator Voltage Desired
☐ Ignition Timing Advance Cylinder 1

0 / 59

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > `Select Data Stream`

Select Page
Select All
Unselect
OK

Select the data stream and tap “OK”:


06:33 PM
66%
Data Stream

Accelerator Pedal Position Sensor 2
0.39 V

Accelerator Pedal Position E
15.69 %

Barometric Pressure
14.43 psi

Clutch Pedal Position
0 %

Evaporative Emission Canister Purge Valve Duty Cycle
0 %

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > `Data Stream`

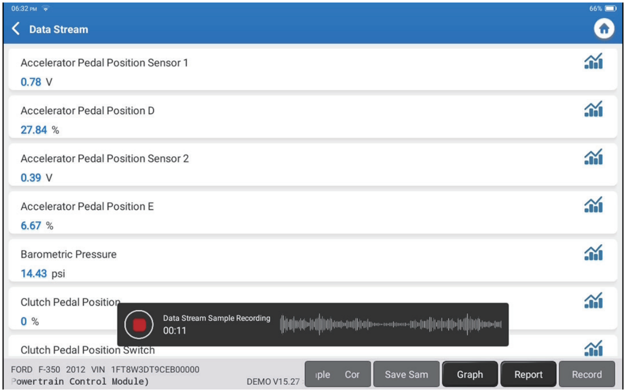
Sample
C
Save Sample
Graph
Report
Record

The system can display data streams in three modes:

1) Value (default): Shows parameters with numbers and lists.
2) Graph: Displays parameters with wave patterns.
3) Combine: The graphs can be merged for easier comparisons.

*Explanation of terms:

- Save Sample: You can save the current Data Stream as a Sample when the vehicle is running normally, and use this Sample Data Stream for future comparison and analysis. Tap “Save Sample” to start recording the sample data stream. The following page will appear:



Accelerator Pedal Position Sensor 1
0.78 V

Accelerator Pedal Position D
27.84 %

Accelerator Pedal Position Sensor 2
0.39 V

Accelerator Pedal Position E
6.67 %

Barometric Pressure
14.43 psi

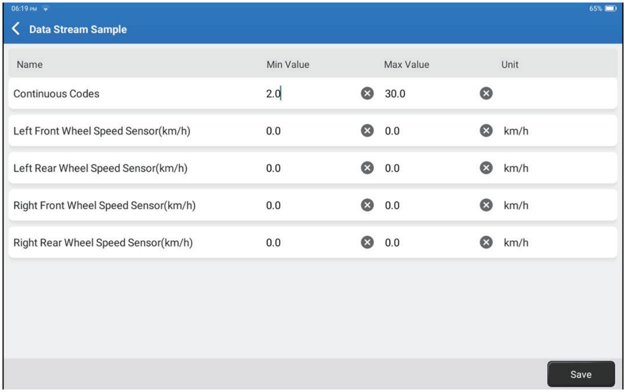
Clutch Pedal Position
0 %

Clutch Pedal Position Switch

Data Stream Sample Recording
00:11

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
owertrain Control Module)
DEMO V15.27

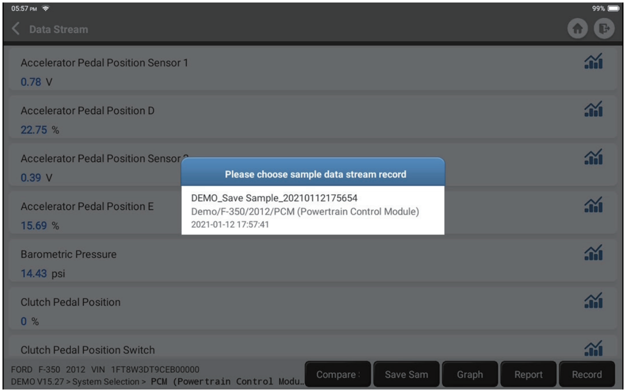
Once the recording process is complete, tap “ ● ” to end the recording. The following page will appear:



Name	Min Value	Max Value	Unit
Continuous Codes	2.0 ⊗	30.0 ⊗	
Left Front Wheel Speed Sensor(km/h)	0.0 ⊗	0.0 ⊗	km/h
Left Rear Wheel Speed Sensor(km/h)	0.0 ⊗	0.0 ⊗	km/h
Right Front Wheel Speed Sensor(km/h)	0.0 ⊗	0.0 ⊗	km/h
Right Rear Wheel Speed Sensor(km/h)	0.0 ⊗	0.0 ⊗	km/h

You can change the Min or Max value, and tap "Save" to save it as a Data Stream Sample. All Data Stream Sample files are stored in "User Info -> Data Stream Sample".

- Compare Sample: Tap "Compare Sample" to select the saved Data Stream Sample files. The following page will appear:



Accelerator Pedal Position Sensor 1
0.78 V

Accelerator Pedal Position D
22.75 %

Accelerator Pedal Position Sensor 2
0.39 V

Accelerator Pedal Position E
15.69 %

Barometric Pressure
14.43 psi

Clutch Pedal Position
0 %

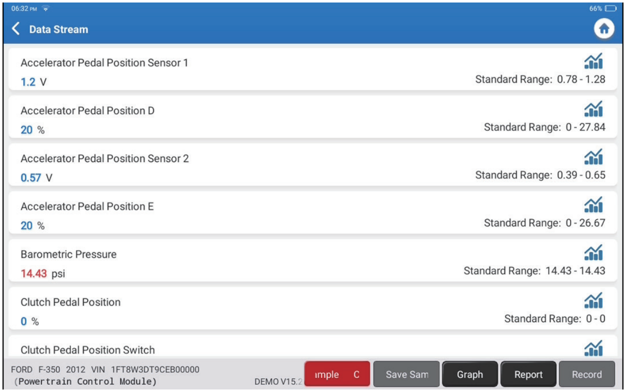
Clutch Pedal Position Switch

Please choose sample data stream record

DEMO_Save Sample_20210112175654
Demo/F-350/2012/PCM (Powertrain Control Module)
2021-01-12 17:57:41

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.27 > System Selection > PCM (Powertrain Control Modu..

Tap the file you need. The following page will appear:



Accelerator Pedal Position Sensor 1
1.2 V
Standard Range: 0.78 - 1.28

Accelerator Pedal Position D
20 %
Standard Range: 0 - 27.84

Accelerator Pedal Position Sensor 2
0.57 V
Standard Range: 0.39 - 0.65

Accelerator Pedal Position E
20 %
Standard Range: 0 - 26.67

Barometric Pressure
14.43 psi
Standard Range: 14.43 - 14.43

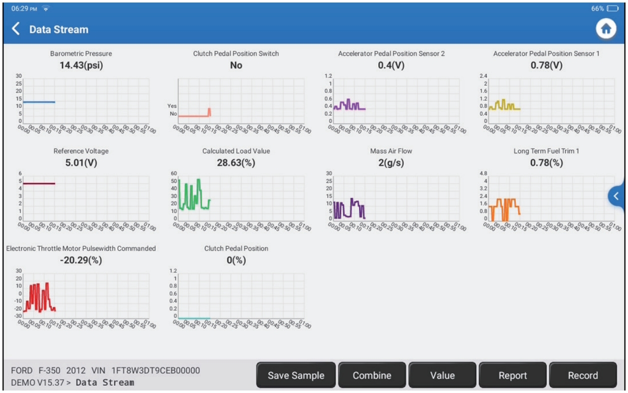
Clutch Pedal Position
0 %
Standard Range: 0 - 0

Clutch Pedal Position Switch

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
(Powertrain Control Module)
DEMO V15.2

The Standard Range column will show the corresponding Data Stream Sample values for your comparison and analysis.

- Graph: To have the selected data streams (12 max items) displayed in waveform. Tap “Graph”. The following page will appear:



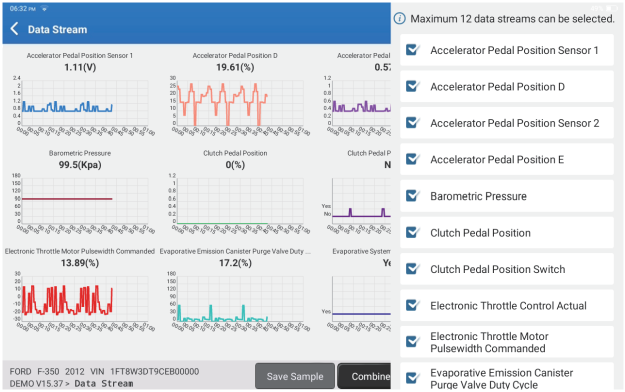
Barometric Pressure 14.43(psi)
Clutch Pedal Position Switch No
Accelerator Pedal Position Sensor 2 0.4(V)
Accelerator Pedal Position Sensor 1 0.78(V)
Reference Voltage 5.01(V)
Calculated Load Value 28.63(%)
Mass Air Flow 2(g/s)
Long Term Fuel Trim 1 0.78(%)
Electronic Throttle Motor Pulsewidth Commanded -20.29(%)
Clutch Pedal Position 0(%)

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > `Data Stream`

Tap “Combine” to merge graphs for easier comparisons (max 4 values can be merged).

Tap “Value” to view the data displayed in values.

Tap “<“ on the right side of the screen. The following page will appear:



Accelerator Pedal Position Sensor 1 1.11(V)
Accelerator Pedal Position D 19.61(%)
Accelerator Pedal 0.57
Barometric Pressure 99.5(Kpa)
Clutch Pedal Position 0(%)
Clutch Pedal P N
Electronic Throttle Motor Pulsewidth Commanded 13.89(%)
Evaporative Emission Canister Purge Valve Duty ... 17.2(%)
Evaporative System Ye

FORD F-350 2012 VIN 1FT8W3DT9CEB00000
DEMO V15.37 > `Data Stream`

ⓘ Maximum 12 data streams can be selected.

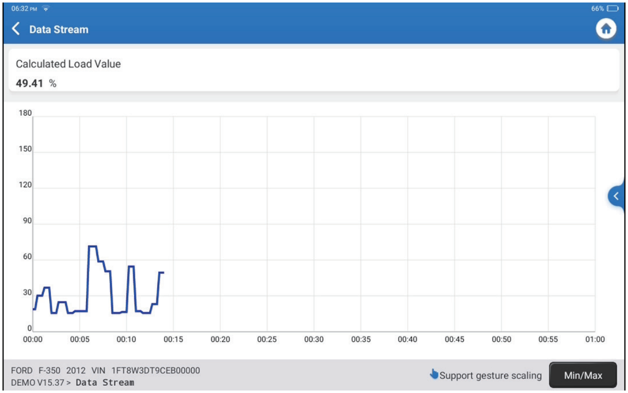
☑ Accelerator Pedal Position Sensor 1
☑ Accelerator Pedal Position D
☑ Accelerator Pedal Position Sensor 2
☑ Accelerator Pedal Position E
☑ Barometric Pressure
☑ Clutch Pedal Position
☑ Clutch Pedal Position Switch
☑ Electronic Throttle Control Actual
☑ Electronic Throttle Motor Pulsewidth Commanded
☑ Evaporative Emission Canister Purge Valve Duty Cycle

You can select specific data stream options to be viewed on the left.

Note: A maximum of 12 data streams can be displayed in this module.

- Report: To save the number of current data streams.
- Record: To record the diagnostic data for further analysis.
- 📊 : To view single data stream displayed in waveform. Tap " 📊 ".

The following page will appear:


06:32 PM
66%
Data Stream
180
150
120
90
60
30
0
00:00
00:05
00:10
00:15
00:20
00:25
00:30
00:35
00:40
00:45
00:50
00:55
01:00
Support gesture scaling
Min/Max

Calculated Load Value

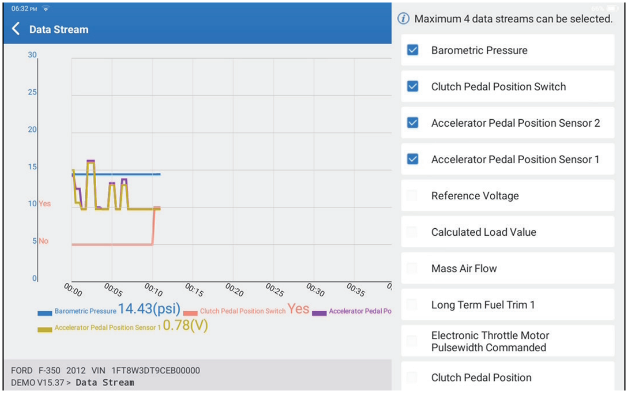
49.41 %

FORD F-350 2012 VIN 1FT8W3DT9CEB00000

DEMO V15.37 > Data Stream

Tap "Min/Max" to define the maximum/minimum value. Once the value goes beyond the specified value, the data will be shown in red.

Tap "<" on the right side of the screen. The following page will appear:


06:32 PM
Data Stream
30
25
20
15
10
Yes
5
No
0
00:00
00:05
00:10
00:15
00:20
00:25
00:30
00:35

Barometric Pressure 14.43(psi)

Clutch Pedal Position Switch Yes

Accelerator Pedal Po

Accelerator Pedal Position Sensor 1 0.78(V)

Maximum 4 data streams can be selected.

- ☑ Barometric Pressure
- ☑ Clutch Pedal Position Switch
- ☑ Accelerator Pedal Position Sensor 2
- ☑ Accelerator Pedal Position Sensor 1
- ☐ Reference Voltage
- ☐ Calculated Load Value
- ☐ Mass Air Flow
- ☐ Long Term Fuel Trim 1
- ☐ Electronic Throttle Motor Pulsewidth Commanded
- ☐ Clutch Pedal Position

FORD F-350 2012 VIN 1FT8W3DT9CEB00000

DEMO V15.37 > Data Stream

You can select specific data stream options to be viewed on the left.

Note: A maximum of 4 data streams can be displayed in this module.

1.3.5 Actuation Test

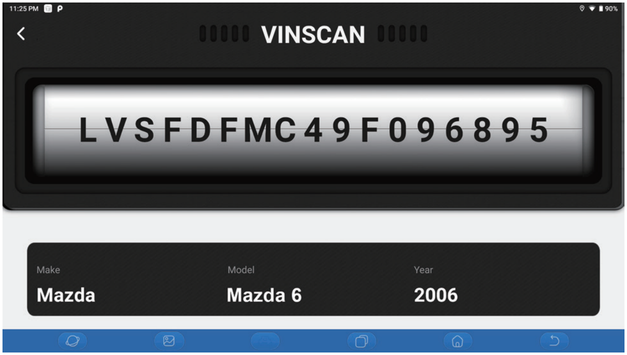
This function is used to find out whether a specific subsystem or component in vehicles goes well or not, by testing output elements instead of checking in ignition status.

1.3.6 Special function

This function is used for data writing operation of electronic control unit. They all belong to this category, such as ECU data calibration, ECU Programming etc. Some Resetting functions are also included in this part.

2. AutoScan (Intelligent Diagnosis)

Plug the Phoenix MDCI Pro dongle into the vehicle's DLC port.
Tap "AutoScan" on the Home Menu after connecting to the vehicle.
The tool will start the AutoScan procedure, and automatically read the vehicle's VIN information, as shown below:



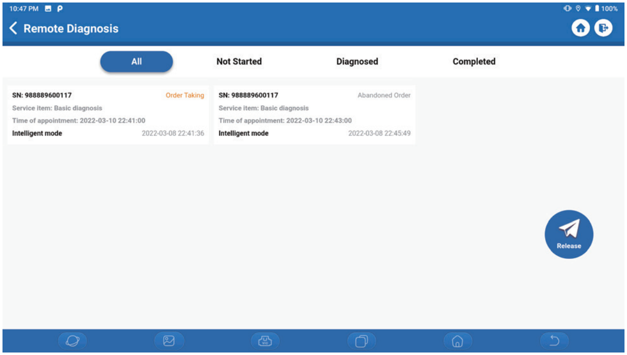
LVSFDFMC49F096895

Make: Mazda
Model: Mazda 6
Year: 2006

Note: A highly stable and solid network connection is required for successful VIN access.

3. Remote Diagnosis

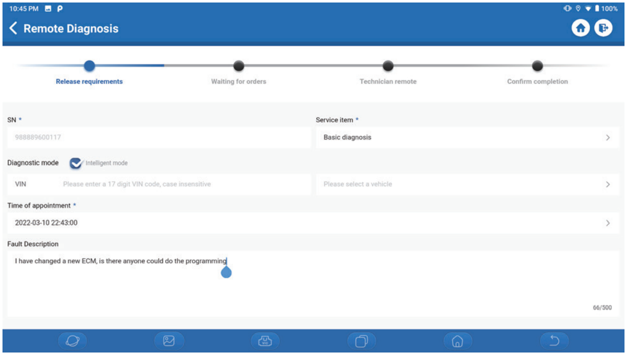
Tap Remote Diagnosis to enter the following interface. You can find all the former releasing records in this page.


10:47 PM
100%
Remote Diagnosis
All
Not Started
Diagnosed
Completed
Release

SN: 988889600117 Order Taking
Service item: Basic diagnosis
Time of appointment: 2022-03-10 22:41:00
Intelligent mode 2022-03-08 22:41:36

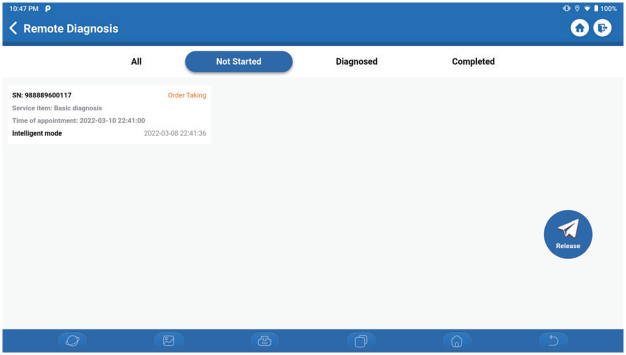
SN: 988889600117 Abandoned Order
Service item: Basic diagnosis
Time of appointment: 2022-03-10 22:43:00
Intelligent mode 2022-03-08 22:45:49

Tap to create an order for remote diagnosis. Please note that without tapping "Intelligent mode", you need to choose the car brand, model year and model, so that the professionals are able to get the basic informations ASAP. And the most important thing is that you have to describe your problems and requirements in the "Fault Description".


10:45 PM
100%
Remote Diagnosis
Release requirements
Waiting for orders
Technician remote
Confirm completion

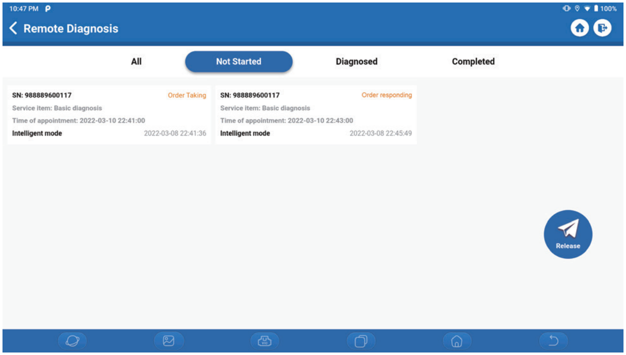
SN *: 988889600117
Service item *: Basic diagnosis
Diagnostic mode ☑ Intelligent mode
VIN: Please enter a 17 digit VIN code, case insensitive
Please select a vehicle
Time of appointment *: 2022-03-10 22:43:00
Fault Description: I have changed a new ECM, is there anyone could do the programming
66/500

Orders that successfully released will appear on “Not Started”, waiting for professionals’ help.


10:47 PM
100%
Remote Diagnosis
All
Not Started
Diagnosed
Completed
Release

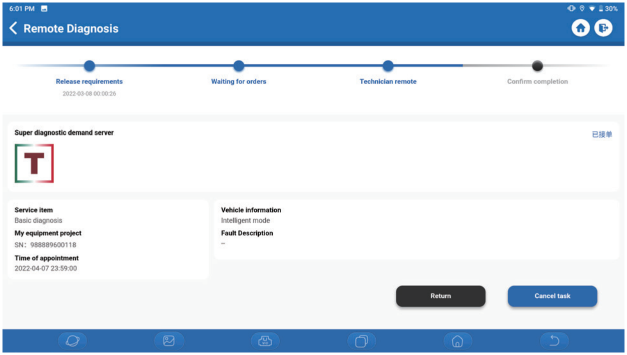
SN: 988889600117 Order Taking
Service item: Basic diagnosis
Time of appointment: 2022-03-10 22:41:00
Intelligent mode 2022-03-08 22:41:36

If the order is accepted by professionals but not diagnosed, you can still find it on“Not Started”. Tap this order, it will display the current situation and details of the order.


10:47 PM
100%
Remote Diagnosis
All
Not Started
Diagnosed
Completed
Release

SN: 988889600117 Order Taking
Service item: Basic diagnosis
Time of appointment: 2022-03-10 22:41:00
Intelligent mode 2022-03-08 22:41:36

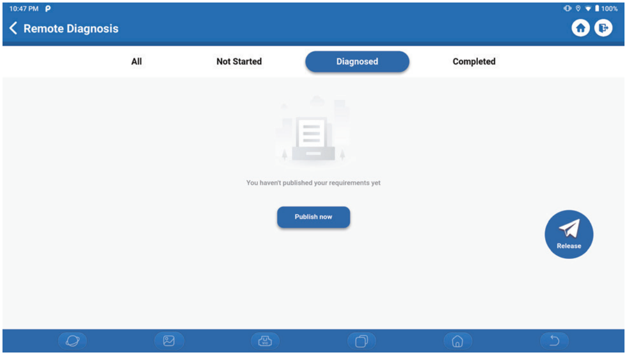
SN: 988889600117 Order responding
Service item: Basic diagnosis
Time of appointment: 2022-03-10 22:43:00
Intelligent mode 2022-03-08 22:45:49


6:01 PM
30%
Remote Diagnosis
Release requirements
2022-03-08 00:00:26
Waiting for orders
Technician remote
Confirm completion
Super diagnostic demand server
已接单
Return
Cancel task

Service item
Basic diagnosis
My equipment project
SN：988889600118
Time of appointment
2022-04-07 23:59:00

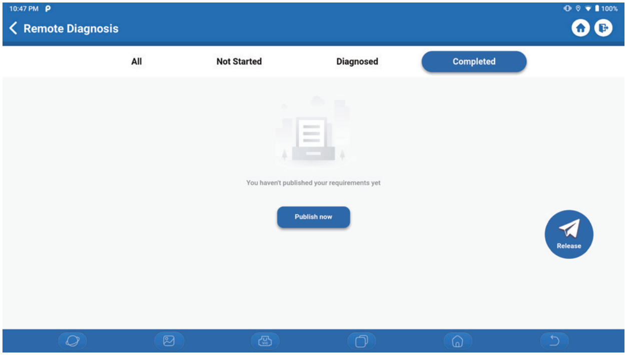
Vehicle information
Intelligent mode
Fault Description
--

Enter the next interface when the order is being diagnosed, which is “Diagnosed”.


10:47 PM
100%
Remote Diagnosis
All
Not Started
Diagnosed
Completed
Publish now
Release

You haven't published your requirements yet

Enter the next interface when the order is being completed, which is “Completed”.



You haven't published your requirements yet

4. Services

TOPDON Phoenix Max is equipped with maintenance services to be very beneficial for technicians and mechanics working in the automotive repair industry.

4.1 OIL (Maintenance Light Reset)

This function enables you to reset the oil service lamp for the engine oil life system, which calculates an optimal oil life change interval depending on the vehicle driving conditions and weather events.

It needs to be performed in the following cases:

- If the service lamp is on, run car diagnostics first for troubleshooting. After that, reset the driving mileage or driving time, so as to turn off the service lamp, and enable a new driving cycle.
- If you have changed the engine oil or electric appliances that monitor oil life, you need to reset the service lamp.

4.2 ETS (Throttle Matching)

This function can utilize the car decoder to initialize the throttle actuator so that the learning value of the ECU returns to the initial state. By doing so, the movement of the throttle (or idle motor) can be more accurately controlled, thus adjusting the intake volume.

It needs to be performed in the following cases:

- After replacing the electronic control unit, the relevant characteristics of the throttle operation have not been stored in the electronic control unit.
- After the electric control unit is powered off, the memory of the electric control unit is lost.

- After replacing the throttle assembly, you need to match the throttle.
- After replacing or disassembling the intake port, the controlling of the idle speed by the coordination between the electronic control unit and the throttle body is affected.
- The intake volume and the idle control behavior has changed while staying at the same throttle opening position, although the idle throttle potentiometer behavior hasn't changed.

4.3 SAS (Steering Angle Reset)

This function can reset the steering angle to zero to keep the car running straight.
It needs to be performed generally after replacing the steering angle position sensor, or after replacing the mechanical parts of the steering system (such as steering gear, steering column, tie rod ball head, steering knuckle), or after completing the four-wheel positioning, body repair, etc.

4.4 BMS (Battery Matching)

This function can reset the monitoring unit of the car battery, by clearing the original breakdown information about the lack of battery power to rematch the battery.
It needs to be performed in the following cases:

- Replacement of the main battery needs to utilize battery matching to clear the former information about the lack of power, thus avoiding false information detected by the relevant control module which may cause the failure of some electronic auxiliary functions. For example, the vehicle automatically stops; the sunroof can't work by one key; electric windows can't open and close automatically.
- The battery monitoring sensor uses the battery matching function to re-match the control module with the monitoring sensor, so as to detect the use of the battery power more accurately, and avoid receiving wrong information from instrument prompts which will cause false alarms.

4.5 BLEEDING (ABS Bleeding)

This function enables you to perform tests to check the operating conditions of the Anti-lock Braking System (ABS).

It needs to be performed in the following cases:

- When the ABS lines contain air.
- When the ABS computer, ABS pump, brake master cylinder, brake cylinder, brake line, or brake fluid is replaced.

4.6 BRAKE (Electronic Parking Brake Reset)

This function helps you to replace and reset the brake pads.

It needs to be performed in the following cases:

- The brake pads and brake pad wear sensor are replaced.
- The brake pads indicator lamp is on.

- The brake pads sensor circuit is short, which is recovered.
- The servo motor is replaced.

4.7 DPF (DPF Regeneration)

This function can help remove particulate matter from the trap by using combustion oxidation methods to keep the performance of the trap stable.

It needs to be performed in the following cases:

- Replace the exhaust back pressure sensor.
- Disassembly or replacement of the particle trap.
- Removal or replacement of fuel additive nozzles.
- Removal or replacement of catalytic oxidizer.
- The DPF regeneration fault lamp is lit and matched after maintenance.
- Repair and replace the DPF regeneration control module.

4.8 GEAR (Tooth Learning)

This function can perform tooth learning for the car, to turn off the MIL.

It needs to be performed in the following cases:

- After the engine ECU, crankshaft position sensor, or crankshaft flywheel is replaced.
- The DTC “tooth not learned” is present.

4.9 IMMO (Anti-theft Matching)

This function can match the anti-theft key after replacing the ignition key, ignition switch, instrument cluster, engine control unit (ECU), body control module (BCM), and remote control battery.

4.10 INJEC (Injector Coding)

This function can write injector actual code or rewrite code in the ECU to the injector code of the corresponding cylinder, so as to have more accurately control or correct cylinder injection quantity.

It needs to be performed in the following cases:

- After the ECU or injector is replaced.

4.11 TPMS (Tire Pressure Reset)

This function can reset the tire pressure and turn off the tire pressure fault indicator when the car tire pressure fault indicator light is on.

4.12 SUS (Suspension Level Calibration)

This function can adjust the vehicle body height sensor for level calibration after replacing the vehicle height sensor or control module in the air suspension system, or when the vehicle level is not correct.

4.13 AFS (Adaptive Front-lighting System Reset)

This function enables you to initialize the adaptive headlamp system.

4.14 GEAR BOX (A/T Learning)

This function helps complete the gearbox self-learning to improve gear shifting quality. It needs to be performed in the following cases:

- When the gearbox is disassembled or repaired (after some of the car battery is powered off), which leads to shift delay or impact problem.

4.15 SUN (Sunroof Initialization)

This function enables you to set the sunroof lock off, or closed when it rains; the sliding sunroof memory function; the temperature threshold outside the car, etc.

4.16 EGR (EGR Adaption)

This function can learn the EGR (Exhaust Gas Recirculation) valve after it is cleaned or replaced.

4.17 ODO (ODO Reset)

This function can copy, write, or the value of kilometers in the chip of odometer, so that the odometer shows the actual mileage.

It needs to be performed in the following cases:

- When the mileage is not correct due to the damaged vehicle speed sensor or the odometer failure.

4.18 AIR BAG (Airbag Reset)

This function resets the airbag data to clear the airbag collision fault indicator, so that the airbag computer in the vehicle can run normally.

It needs to be performed in the following cases:

- When the vehicle collides and the airbag deploys, the corresponding fault code of the collision data appears, the airbag indicator lights up, and the fault code cannot be cleared.

4.19 TRANSPORT (Transport Mode)

This function can deactivate the transport mode, so that the vehicle can function normally. It needs to be performed in the following cases:

- When the following functions are disabled, including limiting the vehicle speed, not waking up the door opening network, and disabling the remote control key, etc. in order to reduce the power consumption.

4.20 A/F (A/F Reset)

This function can set or learn Air/Fuel ratio parameters.

4.21 STOP/START (Stop/Start Reset)

This function can open or close the automatic start-stop function via setting the hidden function in ECU (provided that the vehicle has a corresponding hidden function supported by hardware).

4.22 NOX (NOx Sensor Reset)

This function can reset the catalytic converter learned value stored in the engine ECU.

It needs to be performed in the following cases:

- When the NOx fault is re-initialized and the NOx catalytic converter is replaced.

4.23 ADBLUE (Diesel Engine Exhaust Gas Filter)

After the diesel exhaust treatment fluid (car urea) is replaced or filled up, urea reset operation is required.

4.24 SEATS (Seat Calibration)

This function can match the seats with memory function that are replaced and repaired.

4.25 COOLANT (Coolant Bleeding)

This function can activate the electronic water pump before venting the cooling system.

4.26 TYPE (Tire Reset)

This function can set the parameters of the size of the modified or replaced tire.

4.27 WINDOWS (Windows Calibration)

This feature can perform door window matching to recover ECU initial memory, and recover the automatic ascending and descending function of power window.

4.28 LANGUAGE (Language Change)

This function can change the system language of the vehicle central control panel.

4.29 AC System Relearn/Initialization

If the ECU or actuator of the vehicle air conditioner is replaced, or the memory of the ECU memory is lost, air conditioner initialization learning is needed.

4.30 Engine Power Balance Monitoring

At the power stroke of each cylinder, power balance monitors crankshaft acceleration, thus determining the relative power provided by each cylinder.

4.31 Gas Particulate Filter Regeneration

After long-term use of the particle catcher, fuel consumption can be increased, engine output power can be decreased, then in this case, the GPF needs to be replaced or regenerated.

4.32 High Voltage Battery Diagnostics

For diagnosis and state information detection on high-voltage accumulator.

4.33 Intelligent Cruise Control System

For replacement of intelligent cruise control system of vehicle and matching after repairing.

4.34 Motor Angle Calibration

There is a deviation between the rotor position detected by the angle position sensor of the motor and the actual rotor magnetic field position, so it is necessary to calibrate the motor angle.

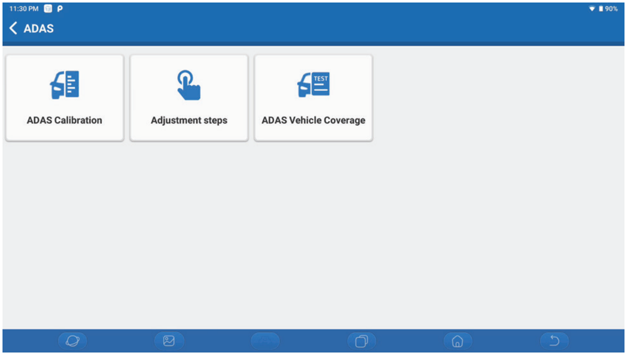
4.35 IMMO PROG (Optional)

Anti-theft editor supports vehicle key chip read and write, EEPROM chip read and write, MCU chip read and write, engine ECU and transmission ECU EEPROM and FLASH read and write.

5. ADAS

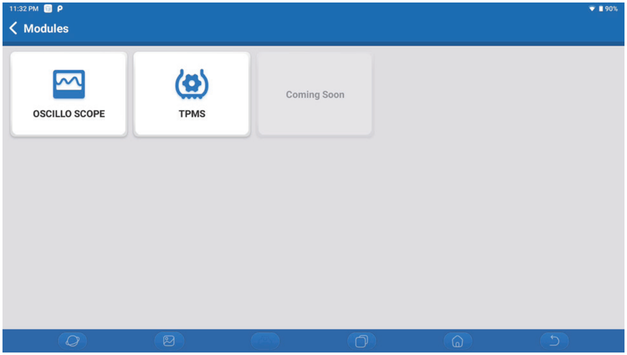
Advanced driver assistance systems (ADAS) is an electronic component in vehicles that include a variety of vehicle safety functions such as automatic emergency braking (AEB), lane departure warning (LDW), lane keeping assistance, blind spot elimination, night vision cameras, and self-adaptive lighting. For this function, it is necessary to use the ADAS calibration device produced and activate ADAS software.

Notes: ADAS function requires additional hardware (optional), which needs to be purchased.

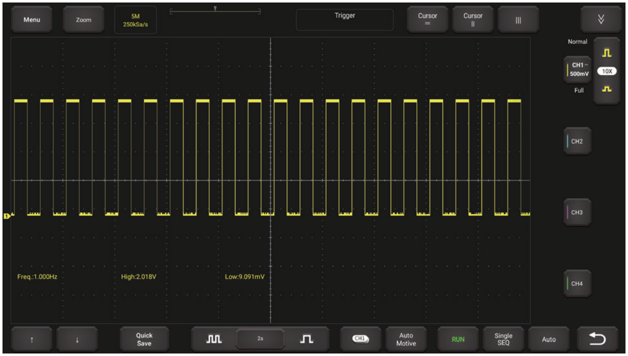


6. Modules

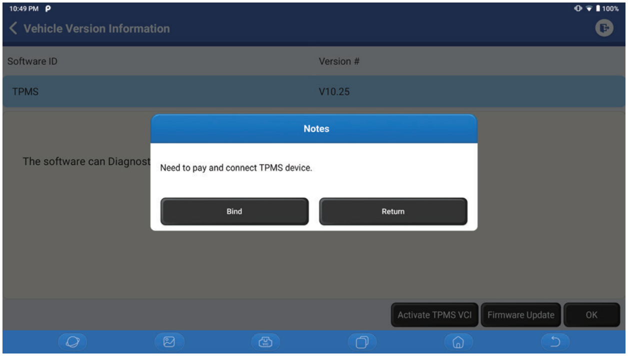
If more modules are added in the future, please check them in this page.


11:32 PM
90%
Modules
OSCILLO SCOPE
TPMS
Coming Soon

You should connect the Phoenix Scope by the "Type A" connecter of the device, the interface will automatically switch to the oscilloscope' interface after connecting to the Phoenix Scope. About how to operate, please refer to the instructions of Phoenix Scope.


Menu
Zoom
5M
250kSa/s
Trigger
Cursor
Cursor
Normal
CH1
500mV
10X
Full
CH2
CH3
CH4
Freq.:1.000Hz
High:2.018V
Low:9.091mV
Quick Save
2s
CH1
Auto Motive
RUN
Single SEQ
Auto

Tap “TPMS” to enter the activation interface. Please activate the “TPMS” in order to operate. About how to operate, please refer to the instructions of “TPMS”.


10:49 PM
100%
Vehicle Version Information

Software ID	Version #
TPMS	V10.25

The software can Diagnost

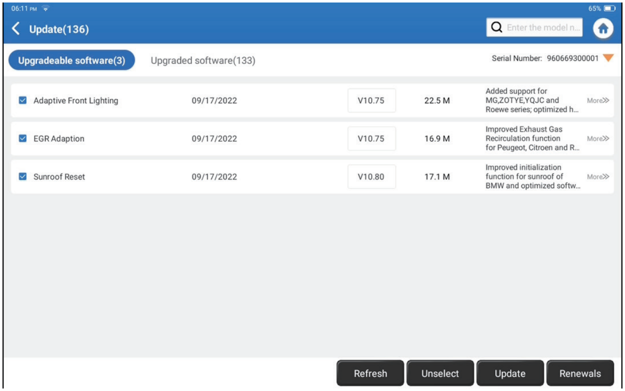
Notes

Need to pay and connect TPMS device.

Bind
Return
Activate TPMS VCI
Firmware Update
OK

7. Upgrade

This module allows you to update the diagnostic software & App to the latest version. Tap “Update” on the Home Menu. The following page will appear:



06:11 PM
65%
Update(136)
Enter the model n...
Upgradeable software(3)
Upgraded software(133)
Refresh
Unselect
Update
Renewals

Serial Number: 960669300001

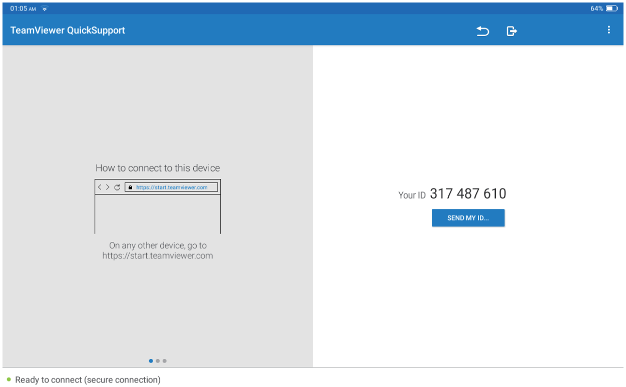
☑	Adaptive Front Lighting	09/17/2022	V10.75	22.5 M	Added support for MG,ZOTYE,YQJC and Roewe series; optimized h...	More≫
☑	EGR Adaption	09/17/2022	V10.75	16.9 M	Improved Exhaust Gas Recirculation function for Peugeot, Citroen and R...	More≫
☑	Sunroof Reset	09/17/2022	V10.80	17.1 M	Improved initialization function for sunroof of BMW and optimized softw...	More≫

Tap “Update” to upgrade the selected software.

Note: If the Commercial Vehicle dignostic function is required, please purchase the INKDIAG HML first, and then open the software download permission of the Commercial Vehicle.

8. Support

In this function, you can request remote assistance through third-party software [teamview]. By sending your device ID number to the remote technician or after-sales personnel, you can authorize the other party to remotely operate the Phoenix Max device, so as to guide you to solve the problems encountered in the process of using the device.



01:05 AM
64%

TeamViewer QuickSupport

How to connect to this device

On any other device, go to https://start.teamviewer.com

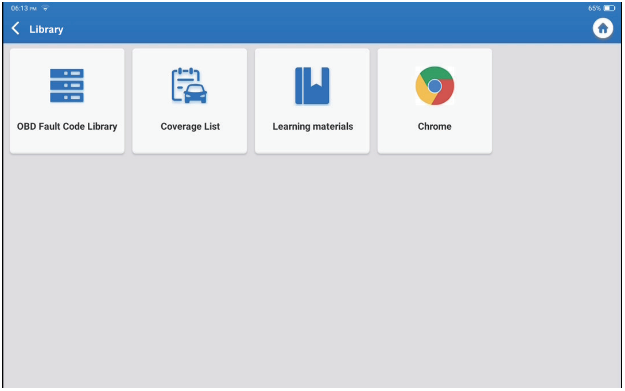
Your ID 317 487 610

https://start.teamviewer.com
SEND MY ID...

Ready to connect (secure connection)

9. Library

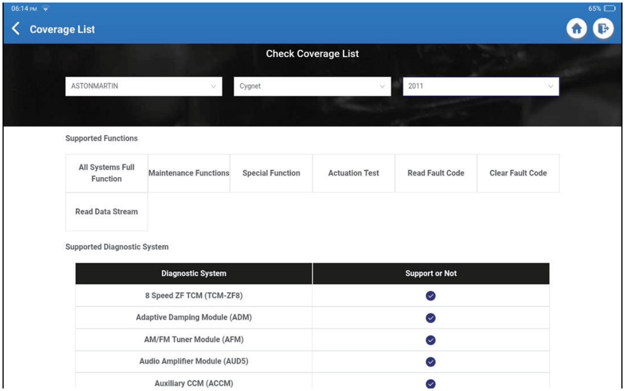
Tap “Library” on the Home Menu. The following page will appear:



06:13 PM
65%
Library
OBD Fault Code Library
Coverage List
Learning materials
Chrome

9.1 OBD Fault Code Library: To view the definition of DTCs (Diagnostic Trouble Codes).

9.2 Coverage List: To view the supported functions and car systems after selecting the vehicle make, model, year, and inputting information required on the following page:



Check Coverage List

ASTONMARTIN
Cygnet
2011

Supported Functions

- All Systems Full Function
- Maintenance Functions
- Special Function
- Actuation Test
- Read Fault Code
- Clear Fault Code
- Read Data Stream

Supported Diagnostic System

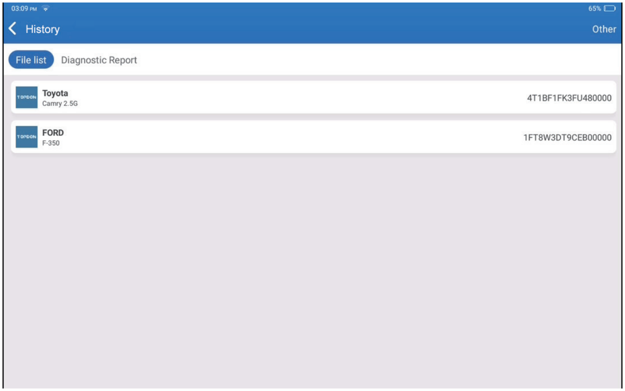
Diagnostic System	Support or Not
8 Speed ZF TCM (TCM-ZF8)	✓
Adaptive Damping Module (ADM)	✓
AM/FM Tuner Module (AFM)	✓
Audio Amplifier Module (AUD5)	✓
Auxiliary CCM (ACCM)	✓

9.3 Learning Materials: To view the playback of operating functions on specific vehicle models.

9.4 Chrome: chrome browser.

10. History

This module can record and establish the file of the diagnosed vehicles, including all diagnostic-related data such as diagnostic reports, data stream records, and screenshots.

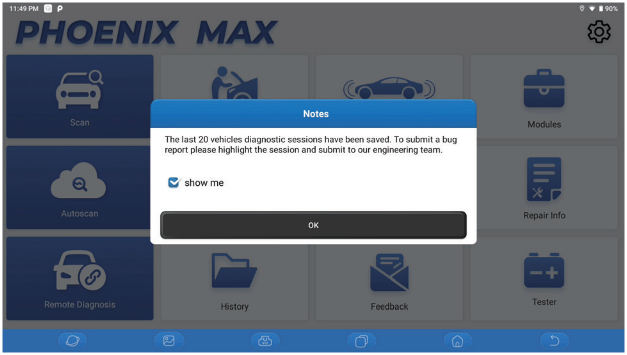


Toyota Camry 2.5G	4T1BF1FK3FU480000
FORD F-350	1FT8W3DT9CEB00000

11. Feedback

You can send the last 20 test records to us by using “Feedback” feature for timely technical assistance if you encounter any unsolved problems in the diagnostic process.

Tap “Feedback” on the Home Menu. The following page will appear:


11:49 PM
90%
PHOENIX MAX
Scan
Autoscan
Remote Diagnosis
History
Feedback
Modules
Repair Info
Tester

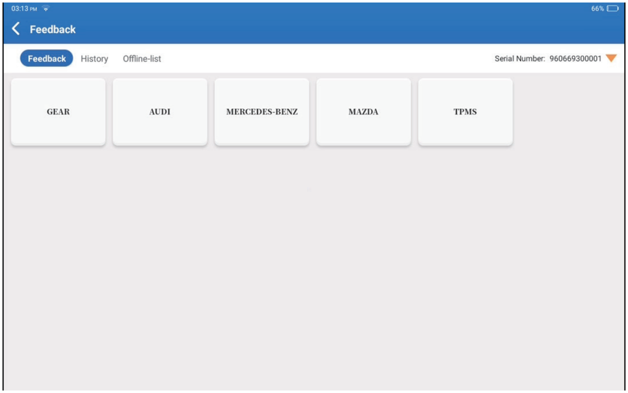
Notes

The last 20 vehicles diagnostic sessions have been saved. To submit a bug report please highlight the session and submit to our engineering team.

☑ show me

OK

Tap “OK” to enter the vehicle diagnostic feedback selection menu.


03:13 PM
66%
Feedback
Feedback
History
Offline-list
GEAR
AUDI
MERCEDES-BENZ
MAZDA
TPMS

Serial Number: 960669300001

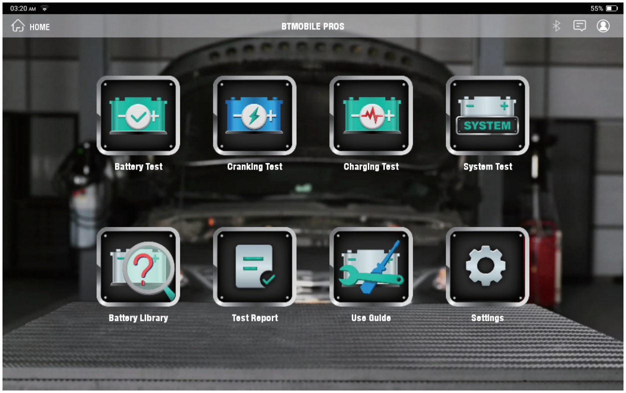
*Explanation of terms:

- Diagnostic Feedback: To show the tested vehicle model list.
- History: To view all diagnostic feedback and check the processes.
- Offline List: To display all diagnostic feedback logs which have not been submitted successfully yet due to the network failure. The failed logs will be re-uploaded automatically once the tablet gets the stable network signal.

Our technical support will handle your feedback in time for your satisfaction.

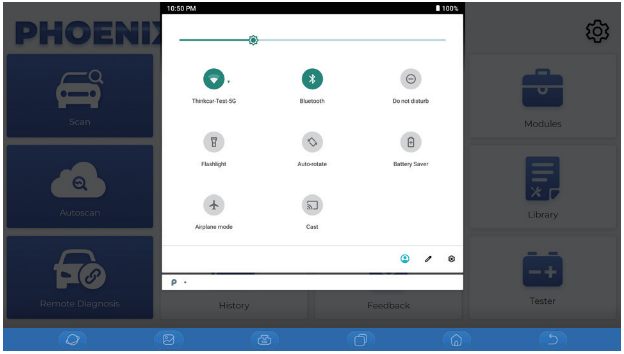
12. Tester

Use with the battery detection module, it can detect the battery performance and determine whether the battery needs to be replaced. Regarding the use of the battery detection module, you can click the "Use Guide" in the interface below to view.


03:20 AM
55%
HOME
BTMOBILE PROS
SYSTEM
Battery Test
Cranking Test
Charging Test
System Test
Battery Library
Test Report
Use Guide
Settings

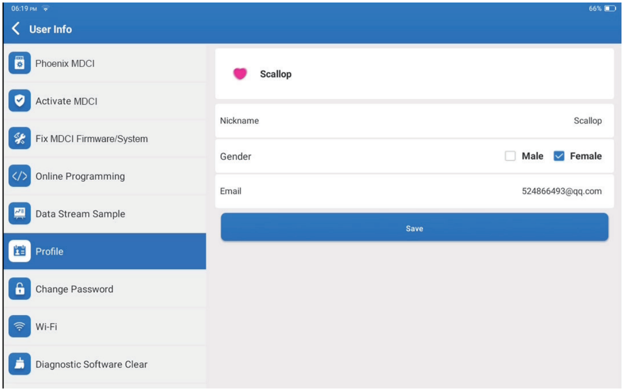
Notes: TESTER function requires additional hardware (optional), which needs to be purchased.

13. **Drag from top to bottom to view the shortcut bar. WiFi, Bluetooth and flashlight can be operated here.**


10:50 PM
100%
PHOENIX
Scan
Autoscan
Remote Diagnosis
Thinkcar-Test-5G
Bluetooth
Do not disturb
Flashlight
Auto-rotate
Battery Saver
Airplane mode
Cast
History
Feedback
Modules
Library
Tester

14. User Info

You can modify or add related information in this module, or make settings.


06:19 PM
66%
User Info
Phoenix MDCI
Activate MDCI
Fix MDCI Firmware/System
Online Programming
Data Stream Sample
Profile
Change Password
Wi-Fi
Diagnostic Software Clear
Save

Scallop

Nickname Scallop

Gender ☐ Male ☑ Female

Email 524866493@qq.com

14.1 Phoenix MDCI

This option allows you to choose the suitable Phoenix MDCI dongle if there are several dongles registered on this tablet.

14.2 Activate MDCI

This option can activate a new MDCI dongle.

Input the Serial Number and Activation Code, and then tap “Activate” to activate the MDCI dongle. Its serial number will be displayed in the list after the procedure.

14.3 Fix Connector Firmware/System

This option can repair the connector firmware. Please don't power off or switch interfaces in the process.

14.4 Data Stream Sample

This option manages the recorded data stream sample files.

14.5 Profile

To set and manage personal information.

14.6 Change Password

This option can change the login password.

14.7 Wi-Fi

This option sets up Wi-Fi networks that can be connected.

14.8 Diagnostic Software Clear

This option can clear some cache files and free up the storage space.

14.9 Business Information

This option can add information about the workshop, which will be displayed in the diagnostic report.

14.10 Customer Management

This option manages the information and data of clients.

14.11 Photo Album

This module saves the screenshots.

14.12 Screen Recorder

This module saves the screen recordings.

14.13 Settings

This option makes settings including Units, Language, Clear Cache, USB Connetion Mode, Restore Factory Settings, and Log Out.

Technical Specification

Host computer

Operating System: Android 9.0

Screen: 13.3" Touchable; 1920*1080

RAM: 8G

ROM: 256G

Battery Capacity: 18600mAh/3.8V

Camera: Rear 13.0MP

Network: Wi-Fi, WLAN 802.11b/g/n

Bluetooth: Bluetooth 5.0

Working Temperature: 32^{0}F~122^{0}F (0^{0}C~50^{0}C)

Storage Temperature: -4^{0}F~140^{0}F (-20^{0}C~60^{0}C)

Demission: 14.33*11.22*3.23 inches (364*285*82 mm)

Weight: 7.89lb (3578g)

Phoenix MDCI Pro Dongle

Screen: 3.97 inches

RAM:256M

ROM:8G

Power: 6W

Operating Voltage: 9~36V

Local diagnostic Communication: Wi-fi/USB

Working Temperature: 32^{0}F~122^{0}F (0^{0}C~50^{0}C)

Storage Temperature: -4^{0}F~140^{0}F (-20^{0}C~60^{0}C)

Demission: 7.72*5.31*1.70 inches (196*135*43 mm)

Weight: 1.21 lb (550g)

Warnings

- ✓ Always perform automotive testing in a safe environment.
- ✓ DO NOT smoke near the vehicle during testing.
- ✓ DO NOT place the diagnostic tool near the engine or exhaust pipe to avoid damage from high temperatures.
- ✓ DO NOT wear loose clothing or jewelry when working on an engine.
- ✓ DO NOT connect or disconnect any test equipment while the ignition is on or the engine is running.
- ✓ DO NOT disassemble the code reader.
- ✓ Engine parts will become hot when the engine is running. To prevent severe burns, avoid contact with hot engine parts.
- ✓ When an engine is running, it produces carbon monoxide, a toxic and poisonous gas. Operate the vehicle ONLY in a well-ventilated area.
- ✓ Wear safety eye protection that meets ANSI standards.

Cautions

- ✓ Please ensure that the vehicle battery is fully charged and the scanner is firmly connected to the vehicle DLC to avoid erroneous data generated by the scanner and diagnostic systems.
- ✓ Please do not use the diagnostic tool during driving.
- ✓ Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- ✓ Keep the scanner dry, clean, free from oil/water, or grease. Use a mild detergent on a clean cloth to clean the outside of the scan tool, when necessary.
- ✓ Keep the scanner out of the reach of children.

FAQ

Q: Can I use the same type of charger to charge the tablet?
A: No, please use original charger. Our company is not responsible for any damage and economic loss caused by using charger, which is not provided by TOPDON.

Q: How to save power?
A: Please turn off the screen while the equipment isn't used, set a shorter standby time, and decrease the brightness of the screen.

Q: The tablet cannot be turned on after charging.
A:

Possible reasons	Solution
The equipment has not been used for a long time, and the battery is too low.	Charge it for more than 2 hours before turning it on.
Problem of Charger	If there is a quality problem, please contact the dealer or after-sales service of topdon.

Q: Why can't register?
A:

Possible reasons	Solution
The tablet isn't connected to a network.	Please make sure the network is connected.
Your email has been registered.	Use another email to register or log in with the username registered by the email (If you forget the username, you can retrieve it by email)
There is no verification code in the email box.	Check if the email address is valid and resend the code.
Server problem.	Server maintenance. Please try again later.

Q: Why can't log in?

A:

Possible reasons	Solution
The tablet isn't connected to a network.	Please make sure the network is connected.
The user name or password is incorrect.	Check the user name and password Contact TOPDON after-sales service or regional sales to retrieve the user name and password.
Server problem.	Server maintenance. Please try again later.

Q: Why can't activate the equipment?

A:

Possible reasons	Solution
The equipment isn't connected.	Make sure the network is connected.
The serial number and activation code are inputted wrong.	Check the serial number and activation code and make sure they are correct (serial number 12 digits, activation code 8 digits).
The activation code is invalid.	Contact TOPDON after-sales service to get support.
The configuration is empty.	Contact TOPDON after-sales service or regional sales.

Q: Notes: the equipment is not activated during update software?

A:

Possible Cause	Solution
The Phoenix MDCI Pro connector may not be activated during registration.	Use the serial number and activation code to activate the connector. Steps are as follows: Tap [Settings]->[Activate Phoenix MDCI Pro] Enter the correct serial number and activation code in the interface, and tap [Activate].

Q: Software upgrade failed.

A:

Possible reasons	**Solution**
The equipment is not connected to the Internet.	Check its network connection.
The user name or password is wrong. The equipment has not enough memory.	Check the user name and password. Uninstall irrelevant applications and delete uncommonly used vehicle software (enter setting -> diagnostic software clear -> remove software to operate).
Server problem.	Server maintenance, please try again later.

Q: There is no power in the Phoenix MDCI Pro dongle after connecting to the vehicle's DLC port.

A:

Possible reasons	**Solution**
Poor contact of vehicle's DLC port.	Plug out the Phoenix MDCI Pro dongle, and then plug it in again.
Too low voltage of the vehicle battery.	• Recharge the vehicle battery. • Replace the vehicle battery if it is damaged.
Damage of the Phoenix MDCI Pro dongle.	Contact TOPDON after-sales service to get support.

Q: The tablet cannot establish a connection with the Phoenix MDCI Pro dongle.

A:

Possible reasons	**Solution**
Poor contact of the Phoenix MDCI Pro dongle.	• Plug out the Phoenix MDCI Pro dongle, and then plug it in again. • Perform the Phoenix MDCI Pro Bluetooth pairing again.
The firmware is damaged.	Enter the settings and tap “Fix Connector Firmware/System” to fix the firmware.

Q: How about non-standard OBDII Phoenix MDCI Pro connector.

A: There are several non-standard adapters in the box, please follow the instructions to connect.

Q: Communication error with vehicle ECU?

A: Please confirm: Whether the Phoenix MDCI Pro is correctly connected and whether the vehicle ignition switch is ON. If all are normal, send vehicle production year, model and VIN number by Feedback feature.

Q: Failed to enter the vehicle ECU system?

A: Please confirm: Whether the vehicle is equipped with the system, whether the Phoenix MDCI Pro is correctly connected, and whether the vehicle ignition switch is ON.

Q: Why does the machine restart automatically?

A: When the working temperature reaches 60 degrees, it will restart repeatedly due to the high temperature protection of the machine.

Q: What to do if the connector is missing?

A: Contact TOPDON after-sales service or regional sales.

Q: The downloaded diagnostic software is inconsistent with the serial number.

A: There are several connectors registered under the equipment account, and the serial number of right connector has not been selected.Enter the settings-[Phoenix MDCI Pro] and select the right serial number of connector. Delete the software with problems, then enter the upgrade center to download the diagnostic software again.

FCC Statement:
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.